AMENDMENT TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-11. (Cancelled)

12. (Previously presented) A pneumatic actuator comprising:

- a housing wherein the housing includes:
- a pneumatic cylinder having an axis;
- at least one piston that can move inside the cylinder in the direction of the axis of the cylinder, wherein the piston, together with the cylinder delimits a working space;
- the at least one piston including teeth which extend in the direction of the axis of the cylinder;
- a shaft which can rotate in an axial direction whose axial direction is perpendicular to the axis of the cylinder, the shaft having two bearing sites that form the areas where the shaft has its greatest diameter;
- the shaft having teeth that engage with the teeth of the at least one piston, characterized in that the piston fixes the shaft in its axial direction by means of positive engagement.

13. (Previously presented) The pneumatic actuator according to claim 12, characterized in that the shaft has at least one groove that engages with a segment of the at least one piston

running in the axial direction.

14. (Cancelled)

15. (Original) The pneumatic actuator according to claim 12, characterized in that the shaft is mounted directly in the housing at two bearing sites.

16. (Cancelled)

17. (Original) The pneumatic actuator according to Claim 13, characterized in that the groove is a peripherally cut groove.

18. (Previously presented) The pneumatic actuator according to claim 12, characterized in that the at least one piston has a total of two segments, wherein the segments are positioned adjacent the piston teeth.

19. (Original) The pneumatic actuator according to claim 12, characterized in that the at least one piston is made of plastic.

20. (Previously presented) The invention according to claim 12, wherein the pneumatic actuator includes a working area in the area of the bearing sites of the shaft;

- the working area being sealed from the exterior by means of sealing rings that are placed in a groove of the shaft.

21. (Currently amended) A method to mount an actuator according to claim 12, characterized in that the shaft is inserted in bearing areas in the housing, corresponding to the bearing sites, and then the at least one piston is engaged with the shaft.

22. (Currently amended) The method according to claim 21, characterized in that the shaft is held in the bearing ~~sites~~ areas without additional fasteners.

23. (New) A pneumatic actuator comprising:

- a housing having a cylinder therein along a cylinder axis and a hole formed along an axis generally perpendicular to the cylinder axis and in communication with the cylinder;
- at least one piston disposed within the cylinder and moveable along the cylinder axis, the piston having a set of teeth; and
- a shaft disposed within the hole of the housing and rotatable therein, the shaft having a set of teeth that engage the set of teeth of the at least one piston such that rotation of the shaft causes movement of the at least one piston within the cylinder, the teeth further arranged such that the shaft can be inserted through the hole of the housing without interference therewith, the shaft being held in place from movement along the axis of the hole by positive engagement by at least one segment of the piston.